



CONSTRUCTION EQUIPMENT

SPM579504 WASTE MGMT VOLVO L70H 622630 - REAR AXLE



Sample No: VCP417628
Oil Type: VOLVO WB 102
Job No: SPM579504 WASTE MGMT



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC
 8418 PALM RIVER ROAD
 TAMPA, FL
 US 33619
 Contact: KENNY HANEY
 khaney@flaglerce.com
 T: (813)630-0077
 F: (813)630-2233



SAMPLE INFORMATION

Sample Number	VCP417628	VCP405128	VCP393762	VCP369984
Sample Date	07 Jul 2023	03 Apr 2023	10 Feb 2023	19 Oct 2022
Machine Hours	10741	9826	9322	8886
Oil Hours	0	0	0	0
Oil Changed	Not Chngd	Not Chngd	Not Chngd	Changed
Sample Status	ABNORMAL	ABNORMAL	ABNORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	42.9	43.3	43.1	43.4
-------------	-----	-------------	------	------	------



CONTAMINATION

Silicon	ppm	33	33	30	10
Sodium	ppm	2	2	3	7
Potassium	ppm	0	0	0	0



WEAR METALS

Iron	ppm	▲ 1056	▲ 821	▲ 610	78
Copper	ppm	16	13	9	8
Lead	ppm	0	0	<1	<1
Tin	ppm	1	1	1	<1
Aluminum	ppm	4	3	3	1
Chromium	ppm	6	4	3	<1
Molybdenum	ppm	16	15	13	2
Nickel	ppm	6	4	2	0
Titanium	ppm	<1	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	17	15	13	1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	3821	3947	3877	3599
Magnesium	ppm	23	29	23	23
Zinc	ppm	1555	1544	1410	1523
Phosphorus	ppm	1255	1208	1150	1299
Barium	ppm	0	0	0	0
Boron	ppm	130	130	136	128

Diagnosis

No corrective action is recommended at this time. We recommend an early resample to monitor this condition. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VOLVO0093
Unique No: 10552332
Signed: Don Baldridge
Report Date: 13 Jul 2023

VOLVO **GRAPHS**

